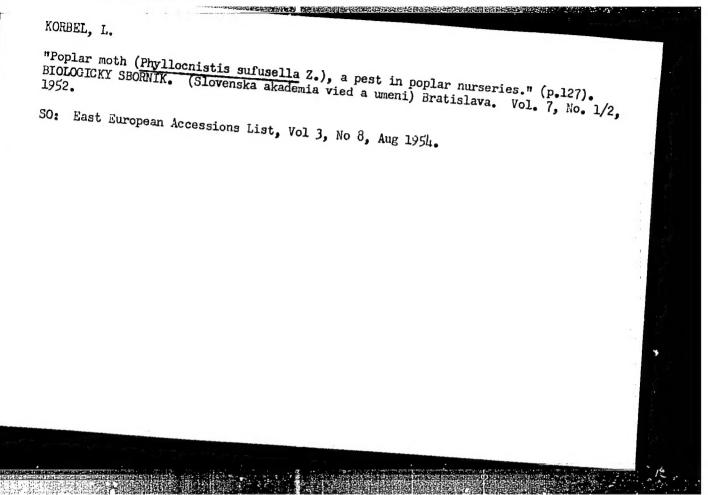


21916-66 EWT(m)/T/EWA(h) ACC NR. APGOLULTY IJP(o) SOURCE CODE: AUTHOR: Dabek, Tadeusz-Dombek, T.; Korbel, Kazimierz-Korbel!, K. PO/0016/65/010/09-/0619/0622 ORG: Dabek Bureau for the Organization of Technical Research, Krakow (Biuro Urzadzon Techniki Jadrowej); Korbel Department of High Energy Physics, Institute of Ruclear Research, Krakow (Zaklad Fizyki Wysokich Energii, Instytut Badan Jadrowych) TITLE: Detecting probes operating in a single-cable system of pulse transmission and SOURCE: Nuklaonika, v. 10, no. 9-10, 1965, 619-622 TOPIC TAGS: radiation detector, pulse cable ABSTRACT: The problem of pulse transmission from muclear detectors for long distances by means of a single cable supplying the high voltage to the counter is considered. Many circuits discussed in the literature are described as well as two types of probes (with scintillation and proportional counters) operating in a single-cable system of pulse transmission and power supply. This system is advantageous for use under field on author's Eng. abst. NAT 16Apr65 / OTH REF: Card 1/1



KORBEL, L

TECHNINUS REFIPENNIS Gyll (Coleoptera, Staphylinidae) in the Danube near Bratislava. p. 373

Vol. 10, No. 3, 1955 BIOLOGIA Bratislava, Czechoslovakia

So: Eastern European Accession Vol.5, No. 4, April 1956

KORBEL., L.

DICTYOPHARA EUROPEA L. (Homoptera, Dictyopharidae) on Zitny Ostrov (Schutt)

Vol. 10, No. 3, 1955 BIOLOGIA Eratislava, Czechoslovakia

Son Eastern Buropean Accession Vol. 5, No. 4, April 1956

KORBEL, L.

DUVALIUS BOKORI sciki (Coleoptera, Garabidae) on the Silica plateau. p. 372

Vol. 10, No. 3, 1955 BIOLOGIA Bratislava, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4 April 1956

KORBEL, L.

SCIENCE

Periodicals: BIOLOGIA. Vol. 10, No. 6, 1955

KORBEL, L. Professor Oskar Ferianc's fifty years; a biographic

Working converence on the history of medicine and biological sciences. p. 786.

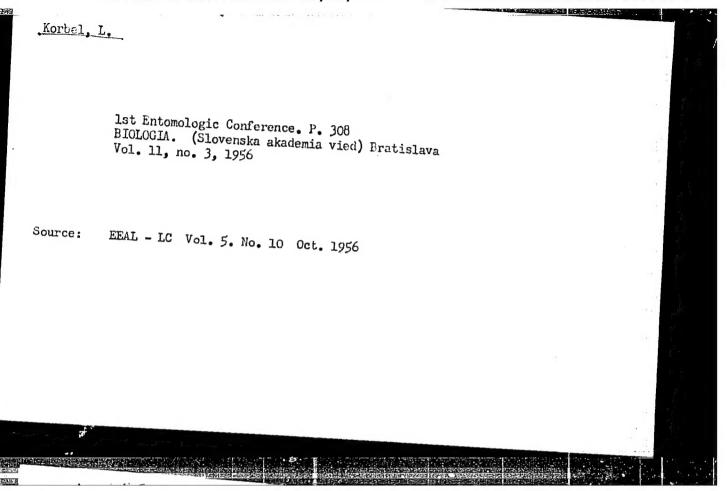
Monthly List of East European Accessions (EEAI) LC, Vol.8, No. 5, May 1959, Unclass.

KORAEL, L.

"Notes on the occurrence of Ixodid ticky in the Danube basin

p. 67 (Acta, Vol. 1, no. 2, 1956, Praha, Gzechoslovakia)

Monthly Index of East European Accessions (EEAI) IC, Vol. 7, no. 7,



11-11-1-4, 4. CZECHOSLOVAKIA/Special and General Zoology - Insects. Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 69802 0-3 Author : Korbel, L. Inst Title : Special Entomological Problems in Slovakia. Orig Pub : Biologia, 1956, 11, No 8, 491-494 Abstract : The study of mountain entomofauna is of a special theoretical interest; the major concentration of study is directed towards the noxious insects and their ecology, which is needed for their destruction. The study of coccidia, the American White Butterfly, Mediterenian Fruit fly, Aphis (Doralis) fabae, Gnorimoschema ocellatellum et al., and also the blodsucking insects is emphasi-Card 1/1 - 21 -

KORFEL, L.

KOPPEL, L. Vraz'z ethnographic exhibition in the Napratek museum in 189h. p. 101.

Vol. 5, no. 1, 1957 CESKOSLOSENSKA ETHYOCRAFIE GEOGRAPHY & GEOLOGY Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

KCHEL, L.

The first letter of E.St/Vraz to Vojtech Naprstek. p.212. (CESECSICVINSKA ETHNOGRAFIE, Vol. 5, no. 2, 1957, Praha, Czschoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Incl.

"APPROVED FOR RELEASE: 03/13/2001

nombel L.

CIA-RDP86-00513R000824530010-8

"Study of the insect fauna of a potato field with respect to Coleoptera." p. 517.

BIOLOGICKE PRACE. Bratislava, Czechoslovakia, Vol. 2, no. 12, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.

Korbel, L.; Trpis, M.

Report on the 2d session of the Czechoslovak Entomologic Society in Slovakia at the Slovak Academy of Sciences. p. 550.

Biologia, Pratislave, Czechoslovakia, Vol. 14, no. 7, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. no. 10, Oct, 1959

KORBEL, Ladislav

Mass occurrence of Aptinus bombarda III. (Coleoptera, Carabidae) in the Bojnice region. Biologia 15 no.6:457-459 *60. (ERAI 9:10)

1. Zoologicky ustav Prirodovedeckej fakulty Univerzity Komenskeho, Bratislava.

(BEETLES) (CARABIDAE) (SLOVAKIA--APTINUS)

KORBEL, V.

The importance of experimental stress analysis in motor vehicle research.

p. 147 (Automobil) Vol. 1, no. 5, May 1957 Fraha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1958

KORBEL, V. FOGI, J.

A contribution to the practical application of strain gauges.

p. 284 (Automobil) Vol. 1, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EFAI) LC. Vol. 7, No. 1, Jan. 1958

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530010-8

L 31771-66 T ACC NR: AP6021698

SOURCE CODE: CZ/0032/66/016/001/0030/0034

AUTHOR: Korbel, Viktor (Engineer; Prague)

ORG: none

35

TITLE: Form factors recommended in Czechoslovak and British standards for calculating stress conditions in gear teeth 1

SOURCE: Strojironstvi, v. 16, no. 1, 1966, 30-34

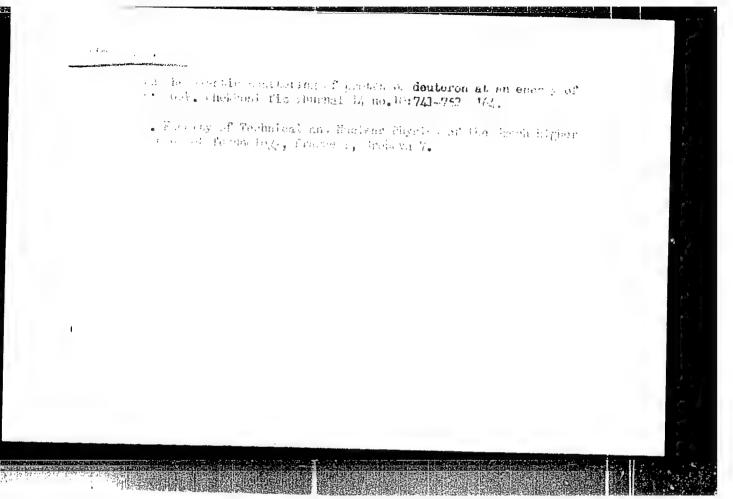
TOPIC TAGS: transmission gear, material fracture, material deformation

ABSTRACT: A comparison is made of the values of the form factors prescribed in the Czechoslovak and British standards for calculating gears resistant to fracture and deformation. The study covers spur and bevel gears with spiral and straight involute teeth using the Merritt correction. Discrepancies between the results obtained with the two standard calculating methods are explained, and formulas are derived for the relationship between the form factors in the two sets of standards. Orig. art. has: 6 figures and 15 formulas. Fased on author's Eng. abst. IJPRS

SUB CODE: 13, 20 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 005

Card 1/1 86

UDC: 621.833.1:621.833.2



67003

24.6900 AUTHORS: Zdeněk Korbel, CZECH/37-59-1-9/26 Ladislav Rob

TITLE: Meson Decays of Light Hyperfragments of PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 1, pp 57-59

ABSTRACT: About 80 meson decays of hyperfragments have so far been reported (Refs 2, 3). In agreement with Ref 4, we assume that further measurements on hyperfragments are useful for a more accurate determination of the binding energies between the hyperon Λ° and the nuclei. In a nuclear emulsion exposed to K mesons in the Berkeley accelerator, we have found several decays of hyper-fragments at rest. We deduced the binding energies using Refs 5-9. The first hyperfragment disintegrated into three charged particles, which were identified as:

$$_{2}^{5}$$
He $\Lambda^{o} \rightarrow _{2}^{4}$ He + p + π^{-} .

The binding energy of the hyperon was (1.9 ± 0.5) MeV. second hyperfragment decayed according to:

Card 1/2

67003 CZECH/37~59~1~9/26

Meson Decays of Light Hyperfragments

Card

2/2

The binding energy of the hyperon was (0.8 ± 0.5)MeV. The third hyperfragment decayed according to:

 $^{7}_{2}\text{He} \Lambda^{\circ} \rightarrow ^{6}_{2}\text{He} + p + \pi^{-}$

This binding energy was (2.7 ± 0.6)MeV. The fourth hyperfragment decayed according to:

 $^{3}_{1}$ 6 \rightarrow $^{3}_{2}$ 1 1 + 2

The binding energy was (0.0 ± 0.5)MeV. The fifth hyperfragment decayed according to:

The binding energy was (1.3 ± 0.4) MeV.

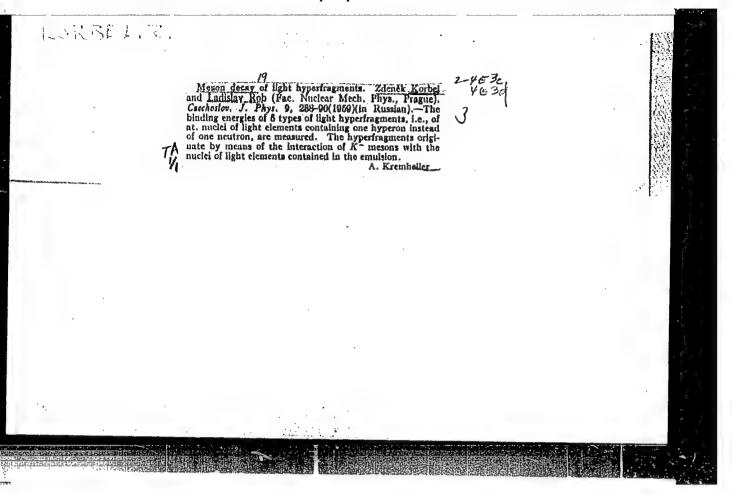
These binding energies are in good agreement with those

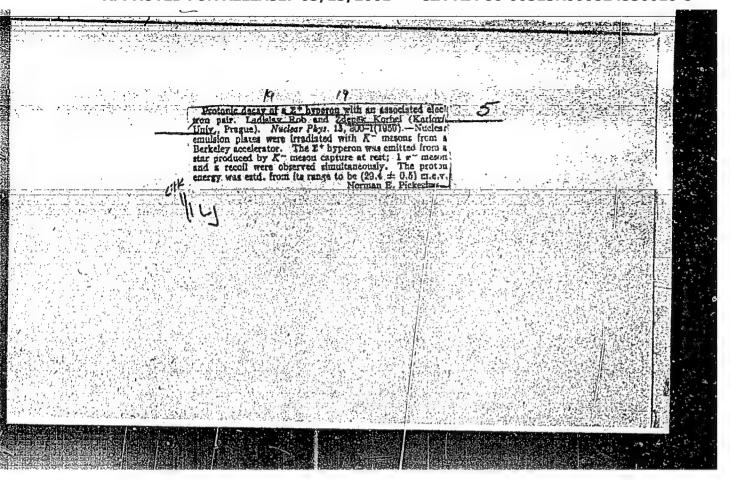
measured previously (Refs 2, 3).
There are 1 figure, 1 table and 9 references, of which 8 are English and 1 Polish. ASSOCIATION: Fakulta technické a jaderné fysiky, Praha

(Department of Technical and Nuclear Physics, Prague) SUBMITTED: July 26, 1958

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530010-8





S/120/61/000/001/011/062 E032/E114

AUTHORS: Gramenitskiy, I.M., Korbel, Z., and Rob, I.

TITLE: Determination of the Sign of Particles Recorded in an

Emulsion

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No.1, pp.42-44

TEXT: A stack of emulsions was placed in the internal proton beam of the 9 GeV synchrophasotron. The magnetic field at the stack was about 1.2 koersted, and a measurement was made of the deflection of the secondary charged particles by the magnetic field. The ratio of the change in the direction of a track due to the magnetic field Θ_{K} and due to multiple scattering Θ_{K} is given by:

 $\theta_{\rm M}/\overline{\theta}_{\rm K} \approx 3.5 \times 10^{-5} \, {\rm Hg} \, /\overline{\rm t}$

where H is the magnetic field in koersted, t is the distance in cm, and β is the ratio of the velocity of the particle to the velocity of light. For large energies $(\beta \rightarrow 1)$ the ratio is a function of H and t only. A reliable determination of the sign Card 1/4

S/120/61/000/001/011/062 E032/E114

Determination of the Sign of Particles Recorded in an Emulsion of the particles can be made when $C_M/O_K\gg 1$. However, this requires fields of a few tens of koe and track lengths of some tens of cms. However, it is often sufficient to consider the statistical distribution of the particles over the signs. It is then sufficient to use much smaller track lengths and to determine the distribution of the quantity

$$\gamma = O_M / \overline{O}_K \sqrt{t}$$

C.C. Dilworth et al. (Ref.2) and C.C. Dilworth et al. (Ref.3) have determined the signs of charged particles, using emulsions placed in a magnetic field of 34 koe. They have measured the angles O_i for successive cells over a total length t, and calculated the quantity

Their results show that this method can be used to determine the signs of charged particles. However, the present authors point Card 2/4

S/120/61/000/001/011/062 E032/E114

Determination of the Sign of Particles Recorded in an Emulsion out that the above method is sensitive to C-distortions which may imitate magneyic deflections. In the case of an emulsion irradiated with a well-collimated beam of high-energy particles, the effect of the distortions may be minimised by measuring the angles of secondary particles relative to the beam axis, as indicated by V.I. Veksler. The present authors have used a stack of HUKON-P (NIKFI-R) emulsions containing 10 x 20 x 0.04 cm3 Secondary tracks produced on interaction between the primary protons and the emulsion nuclei were selected subject to the following conditions: a) the dip angle must be less than 40 b) the magnitude of pß as estimated from multiple scattering must be of the order of 1-2 GeV/c, and c) the angle between the primary track and the secondary track in the plane of the emulsion must be less than 30°. 20 secondary tracks were measured (total length 155 x 3 cm). It was found that statistical determination of the signs of the particles was possible with $t \sim 6\text{--}10 \text{ cm}.$ The following results were obtained: $|\gamma| = 0.45 \pm 0.04$, $\gamma_{\perp} = +0.46 \pm 0.04$, and $\gamma = -0.44 \pm 0.08$. Card 3/4

\$/120/61/000/001/011/062 E032/E114

Determination of the Sign of Particles Recorded in an Emulsion The theoretical values of these quantities (including multiple scattering effects) are 0.47, +0.48 and -0.45 respectively. With fields higher by a factor of 5, momenta of fast particles could also be determined.

Acknowledgements are expressed to M.Ya. Danysh, V.B. Lyubimov, M.I. Podgoretskiy for valuable advice, and to A.I. Maklachkova for taking part in the measurements.

There are 2 figures and 3 references: 1 Soviet and 2 non-Soviet. ASSOCIATION:

Ob'yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: January 6, 1960

Card 4/4

GRAMENITSKIY, I.M.; KORBEL, Z.; ROB, L.

Determination of the charge sign of particles in a photoemulsion. Prib. i tekh. eksp. 6 no.1:42-44 Ja-F '61. (MIRA 14:9)

Ob*yedinennyy institut yadernykh issledovaniy.
 (Photographic emulsions) (Photography, Particle track)

VISHKI, T.; GRAMENITSKIY, I.M.; KORBEL, Z.; NOMOFILOV, A.A.; PODGORETSKIY, M.I.; ROB, L.; STREL'THOV, V.N.; TUVDENDORZH, D.; KHVASTUNOV, M.S.

Inelastic interactions between protons and nucleons at an energy of 9 Bev. Zhur.eksp.i teor.fis. 41 no.4:1069-1075 0 *61. (MIRA 14:10)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Protons) (Nucleons)

KORBEL, Zofia (Krakow); KORDYLEWSKI, Jerzy (Krakow) Photographic observations of Comet Mrkos 1957 d. Acta astronom 9 no.1:50 '59.

L 19500-65 EMT(II) SSD/SSD(c)/AFML/DIAAP 2/0055/64/014/010/0741/0752 ACCESSION NR: AP4048326 AUTHOR: Korbel, Z. TITLE: On the elastic scattering of protons on deuterons at an energy of 8.2 liev SOURCE: Chekhoslovatskiy fizicheskty zhurnal, v. 14, no. 10, 1964, TOPIC TAGS: elastic scattering, proton deuteron scattering, nuclear photoemulsion, total cross section, high energy scattering ABSTRACT: The elastic scattering of protons on deuterons at an energy of 8.2 Nev was studied in a mange of small scattering angles by means of the nuclear photoemula on method. A stack of 20 10 x 10 cm nuclear photosmulsions of the NIKFI-R type with a mean thickness of 420 u was used. The emulsions were diluted with heavy and normal water to a thickness of 955 u, then irradiated with an internal beam of protons in the synchrophasotron of the Joint Institute of Nuclear Research in Bubna. The beam had an intensity of 3.36 x 105 protons/ Card 1/3

L 19500-65 ACCESSION NR: AF4048326

cm2, made an angle of 88.5 deg with the plane of the emulaion, and had an angular half-width of 4.5%. A total of 12.8 cm2 of emulaion, 4.01 km of proton tracks, was scanned by means of Zeiss-Lumipan microscopes at a magnification of 630X, and a total of 445 two-prongstars were found and measured. After corrections for quasi-events, 114 events of p-d elastic scattering and 62 events of p-p scattering were noted. The differential cross section of p-d scattering was determine in a range of scattering angles of 1.3 to 10 degrees in CMS. The total cross section of p-d clastic scattering in this range of angles was found to be ogl(p-d) = (9.74 ± 1.10) mb. In addition, the cross section for p-p scattering at the same energy for solid angles of 1.3 to 19.0 deg in CHS was $\sigma_{\rm el}(\rm p-p) = (12.24 \pm 1.70)$ mb. The effective radius of interaction between protons and deuterons during elastic scattering at 8.2 Bev was determined from the terons during elastic scattering at 0.2 dev was determined at optical model for a "black disk," $R = (2.25 \pm 0.10) \times 10^{-13}$ cm. "The author thanks Prof. Dr. V. Petrzilka, Corresponding Number of the Czechoslovak Academy of Sciences for his continual interest and help, also Dr. J. Pernegr and J. Fizer, CSc. of the Institute of Physics, Czechoslovak Academy of Sciences for valuable discussions. Orig. art. has: 2 figures and 2 tables. Card 2/3

ASSOCIATION: Faculty of Technical and Nuclear Physics, Technical University, Prague				
SUBMITTED	06Hay64	ENCL: 00	SUB CODE: NP	
NO REF SOU	009	OTHER: 034	•	
ard 3/3				

DALKHAZHAV, N.; ZLATEVA, A.Y.; KORBEL, Z.F.; MARKOV, P.K.; TODOROV, T.S.; TUVDENDORZH, D.; CHERNEV, Kh.M.; SHAFMANOVA, M.G.

Elastic scattering of 4Gev./c mesons by protons. Zhur. eksp. i teor. fiz. 47 no.1:12-15 Jl '64. (MIRA 17:9)

1. Obryedinennyy institut yadernykh issledovaniy. 2. Sotrudniki Instituta fiziki i khimii Mongol'skoy Akademii nauk, Ulan-Bator (for Dalkhazhav, Tuvdendorzh). 3. Sotrudniki Fizicheskogo instituta i atomnoy nauchno-issledovatel'skoy laboratorii Bolgarskoy Akademii nauk, Sofiya. (for Zlateva, Markov, Todorov, Chernev).

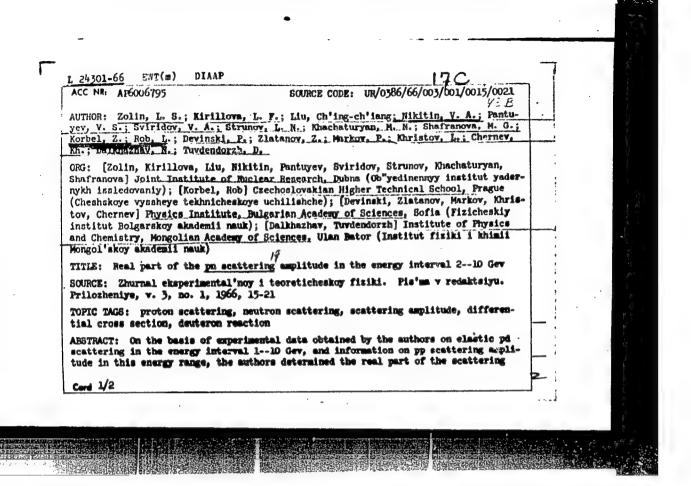
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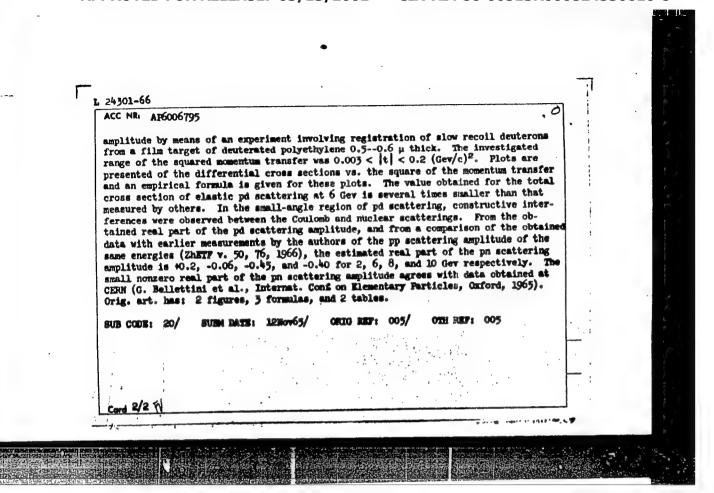
CIA-RDP86-00513R000824530010-8

KIRILLOVA, L.F.; NIKITIN, V.A.; PANTUYEV, V.S.; SVIRIDOV, V.A.; STRUNOV, L.N.; KHACHATURYAN, M.N.; KHRISTOV, L.G.; SHAFRANOVA, M.G.; KORBEL, Z.; ROB,L.; DAMYANOV, S.; ZLATEVA, A.; ZLATANOV, Z.; YORDANOV, V. [Iordanov, V.]; KANAZIRSKI, Kh.; MARKOV, P.; TODOROV, T.; CHERNEV, Kh.; DALKHAZHAV, N.; TUVDENDORZH, D.

Elastic pp and pd-scattering at small angles in the energy range 2 - 10 Bev. IAd. fiz. 1 no.3:533-539 Mr '65. (MIRA 18:5)

1. Ob"yedinennyy institut yadernykh issledovaniy. 2. Vyssheye tekhnicheskoye uchilishche, Praga (for Korbel, Rob). 3. Fizicheskiy institut Bolgarskoy Akademii nauk, Sofiya (for Damyanov, Zlateva, Zlatanov, Yordanov, Kanazirski, Markov, Todorov, Chernev). 4. Institut khimii i fiziki, Ulan-Bator, Mongol'sakaya Narodnaya Respublika (for Dalkhazhav, Tuvdendorzh).





L 22122-66 EMT(1)

ACC NR: AP6004922

SOURCE CODE: UR/0056/66/050/001/0076/0077

AUTHOR: Kirillova, L. F.; Nikitin, V. A.; Sviridov, V. A.; Strunov, L. N.;
Shafranovo, M. G.; Korbel, Z.; Rob. J.; Zlateva, A.; Harkov, P. K.; Todorov, T.;
Khristov, L.; Chernev, Kh.; Dalkhazhav, N.; Tuvdendorzh, D.

ORG: Kirillova; Nikitin; Swiridov; Strunov; Shafranovo/ Joint Institute of Nuclear Research, Dubna (Ob"yedinennyy institut yadernykh isaledovaniy); /Korbel; Neb/ Czechoslovakian Higher Technical School, Prague (Chekhoslovatekoye Vyssheye, 18ab/ Czechoslovakian Higher Technical School, Prague (Chekhoslovatekoye Vyssheye, 18ab/ 19ab/ 19ab

L 22122-66 ACC NR: AP6004922

ABSTRACT: This is a continuation of earlier work by the authors (Phys. Lett. v. 13, 93, 1964) in which they present results of the measurements of the real part of the nuclear elastic acattering amplitude for an energy of 4 Gev, and more precise data for energies 2, 6, 8, and 10 Gev, taking into account the relativistic corrections. The experimental technique was described elsewhere (PTE no. 6, 18, 1963). The differential cross section was measured in the interval 0.003 < |t| < 0.2 (Gev/c) (t = momentum transfer squared). The analysis of the obtained data as well as those reported by others was based on the Bethe formula (Ann. of Phys. v. 3, 190, 1958) with ellowance for radiative corrections. The results agree well with the theoretical curve proposed by Soding (Phys. Lett. v. 8, 286, 1963), up to an energy of 20 Gev, above which some discrepancy appears. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATS: 25Aug65/ ORIG REF: 001/ OTH REF: 008

Card 2/2 BK

KORBEL, Z.F.; SHAFRAROVA, M.G.; ZLATEVA, A.I.; MARKOV, P.K.;
TODOROV, T.S.; CHERNEV, Kh.M.; DALKHAZRAV, N.; TUVDENDORZH,D.;
ZRELOVA/N.K., tekhn. red.

Charles Co.

[Elastic scattering of \mathcal{N} -mesons on protons at a momentum of 4 Gev./c] Uprugoe rasseianie \mathcal{N} -mesonov na protonakh pri impul'se 4 Gev/s. Dubna, Obmedinemnyi in-t iadernykh issledovanii, 1963. 7 p. (MIRA 17:1)

l. Institut fiziki i khimii Mongol'skoy Akademii nauk, Ulan-Bator (for Dalkhazhav, Tuvdendorzh).

MORHELAR, J; VESELA, D; OER, O.

Determination of phenol substances in renal diseases. Cas.
lek. cesk. 89 no.32:899-901 11 Aug. 1950. (CLML 20:1)

l. Of the Second Internal Clinic of the Charles University in Prague (Head---Prof. Ant. Vancura, M. D.)

KORBELAR J.

6006. KORBELAR J. and STEIN J. 2. Vnitřn. a Neurol. Klin. KU, Praha. *Elektro-encefalografické změny u nemocných hypertensní nemocí. Electroence-phalographic changes in hypertensive disease VNITŘ. LEK.
1956. 2/1 (13-19) Graphs 7 Tables 1

Sixty-six hypertensive patients were examined in different stages. None of the patients presented clinical signs of organic involvement of the CNS. Forty-six patients had a normal EEG, and 27 of them showed various anomalies. The remaining 20 patients had clearly pathological records. An attempt to demonstrate a correlation between EEG changes and the clinical status failed. The high percentage of pathological findings shows that the prognostic importance of EEG examination seems to be great. Further studies are required. (VIII, 6)

KORBELAR, J

Czechoapproveo Por Release: 03/13/2001 Cacià-RDP86-00513R000824530010

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37603

Author

: Korbelar J., Blazek Z.

Inst Title : Not given : Hypotensive Action of Folium oleae (Gipoten-

zivnoye deystviye Folium cleae).

Orig Pub

: Vnitzni lekazstvi, 1956, 2, No 4, 348-350

Abstract

: Olive leaves (1) contain "minnit," carotine, tannin, gallic acid, glucosides, and so forth. Hypotensive effect is apparently produced by the glucosides. I is applied in the form of infusions, extracts, and special preparations of types such as the German "olivizat," Italian "ipoliol," and French "oliviaza." The course of treatment is 3 weeks. The preparations are administered internally in doses of 20 to 30 drops 3 to

Card 1/2

KORBEIAR, J.; ROSOL, Zd. (okresni internista, Oling, Praha-zapad)

Pulseless disease, or Takayashu syndrome. Cos. lek. cosk. 97 no 8-249-

NUKBELMA, U.

Pulseless disease, or Takayashu syndrome. Cas. lek. cesk. 97 no.8:249-251 21 Feb 58.

1. II Interni klinika KU v Praze, prednosta prof. F. Herles.
(AORTA, dis.
aortic arch synd., case report (Cz))

STEPANEK, J.; KORBELAR, J.

A few remarks concerning diuretic treatment. Cas. lek. cesk. 104 no.24:662-665 18 Je '65.

1. II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. F. Herles, DrSc.).

KORBELAR, L.

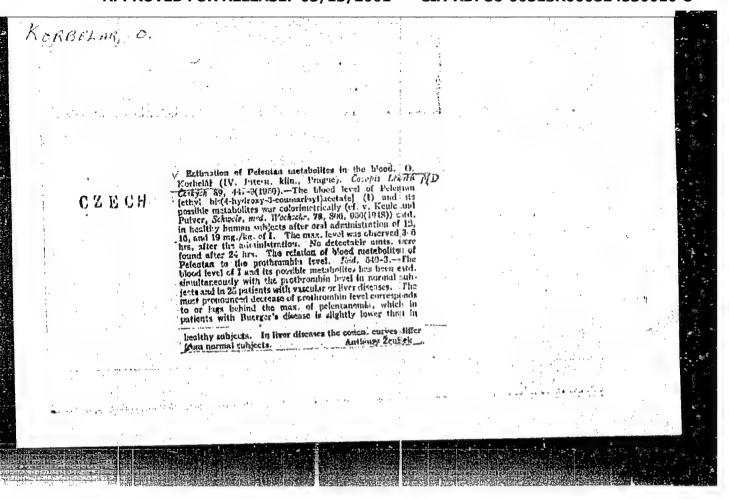
Estimation of pelentan disintegration in blood. Cas.lek.cesk. 89 no.16:447-449 21 Ap *50. (CIML 19:2)

1. Of the Fourth Internal Clinic of Prof. B. Prusik, M.D. in Prague.

KORBILAR, O.

Modifications of blood pelentan levels in infectious hepatitis. Gastroenterologia bohema 4 no.2-4:100-103 Oct 50. (CIML 20:5)

1. Of the Fourth Internal Clinic in Prague (Head--Prof.B.Prusik, M.D.).



Correlation of pelentan metabolites in blood prothrombin in hepatitic and vascular diseases. Cas.lek.cesk. 89 no.19:540-543 12 My *150. (CIML 19:3) 1. Of the Fourth Internal Clinic, Charles University (Head -- Prof. B. Prusik, M.D.).

NEUMAH, J.; KORBRLAR, O.

Hiertrocardiographic control of patients with peptic ulcer treated with prolonged sleep. Sborn. pathofysiol. trav. vys. 6 no. 1-2: 39-41 July 1952. (CIML 22:4)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M. D.) of Charles University, Prague.

KORBELAR, O. NEUMAN, J.; KORBELAR, O.; GREGOR, O. Diseases of the Bile Ducts." p. 48. Praha).	"Miocardial Complications : (Casopis Lekuru Ceskych.	in the Course of Tol. 93, no. 2, Jan. 1954.
So: Monthly List of Avidation	opean Vol. 3, No. 6 ccessions/Library of Congres	s, June 1957, Uncl.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530010-8

ACC NR. AP6033305

SOURCE CODE: UR/0409/66/000/004/0602/0604

AUTHOR: Dashkevich, L. B.; Korbelaynen, E. S.

ORG: Loningrad Chemicopharmacoutical Institute (Loningradskiy khimiko-farmatsovtiches kiy institut)

TITIE: Carbon suboxide and some of its reactions. Part 24: Reaction of carbon suboxide with 2-aminobenzimidazoles

SOURCE: Khimiya geterotsiklicheskikh soyedineniy, no. 4, 1966, 602-604

TOPIC TAGS: carpon suboxide, benzimidazole, chemical reaction, carbon

ABSTRACT: Carbon suboxide was reacted with aminobenzimidazoles, and the reaction was found to have the following course:

$$\begin{array}{c|c} R' & & P \\ \hline & N \\ \hline$$

I, VII R=R'=H; II, VIII R=H, R'=CH; III, IX R=CH; R'=H; IV, X R=C2Ha, R'=H; V, XI R=C3H3, R'=H; VI, XII R=C4Ha, R'=H.

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Card 2/3

UDC: 547.78.854+546.262

The reaction of carbon suboxide with 2-aminobenzimidazole (1), 2-aminobenzimidazole ACC NR: APPROVED FOR RELEASE: 03/13/2001

inidazole (II), 1-methyl-2-aminobenzimidazole (III), 1-ethyl-2-aminobenzimidazole (VI), 1-n-propyl-2-aminobenzimidazole (V) and 1-n-butyl-2-aminobenzimidazole (VI) produced compounds VII-XII respectively. The presence of keto-enol isomerism is postulated in the pyrimidobenzimidazole system. With p-nitrobenzcyl chloride, compounds IX-XII form esters of p-nitrobensoic acid and the corresponding enol:

The decomposition temperatures of compounds VII-XII and p-nitrobenzoyl derivatives are given in Table 1. Orig. art. has: 1 table.

, 1			Table 1	ble 1			•	
	Com- pound No.	Decomposi- tion tem- peratura,	Empirica)	Yield,	-	yl derivatives Empirical Formula		
	VII	B 310	C ₁₀ H ₂ N ₃ O ₈	92	. –			• .
	VIII	283285	C11HeNaO2	85				
	, IX	262264	C ₁₁ H ₈ N ₃ O ₂	88		CieHizNeOs		. ,
	х	281-283	C ₁₂ H ₁₁ N ₂ O ₂	90		C ₁₈ H ₁₄ N ₆ O ₈		. •
	XI	253255	C ₁₃ H ₁₃ N ₃ O ₂	85	177—178	C ₈₀ H ₁₈ N ₄ O ₈		
	XII	245—246	C14H18N3O3	86	168169	C ₂₁ H ₁₆ N ₆ O ₆		-
UB CODE: 07/. SU	em dati	: 14Fe	665/ ORI	G REI	71 007/	oth ref	003	<u>·</u>

DASHKEVICH, L.B.; KORBELAYNEN, E.S.

Carbon suboxide and some of its reactions. Part 19: Reaction of carbon suboxide with 2-amino-oxazoles, -oxazine, and -thiazine. Zhur. ob. khim. 34 no.10:3427-3429 0 164.

(MIRA 17:11)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

Korbelikova, V.

Soot in the paper industry. p. 231. PAPIR A CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Praha. Vol. 9, no. 11, Nov. 1954.

SCURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

BR

36630 Z/042/62/000/004/001/002 E197/E435

9.7200

Korbell, Juraj, Engineer

AUTHOR: TITLE:

Derivation of function and accuracy of electronic

multipliers based on triangular waves

PERIODICAL: Elektrotechnický časopis, no.4, 1962, 223-230

TEXT: The purpose of the paper is to show the effect of a change in amplitude of the triangular carrier wave on the accuracy of analogue multiplication. Proceeding from the statement that electronic multipliers using a carrier wave are generally stable, the author quotes the well known formula of the "difference of squares" for obtaining a product and considers the case where the carrier wave changes strictly linearly with time in a circuit which performs two functions: inversion and limitation. From the geometry of waveform, the author derives first a proof of the validity of the basic equation, then shows the effect of an increase in the amplitude of the carrier wave by a small amount and obtains the formula

 $\tilde{g} = 2 \left(\frac{\Delta E_{N}}{E_{N}} \right)^{2} \cdot 100 \tag{17}$

Card 1/2

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Derivation of function ...

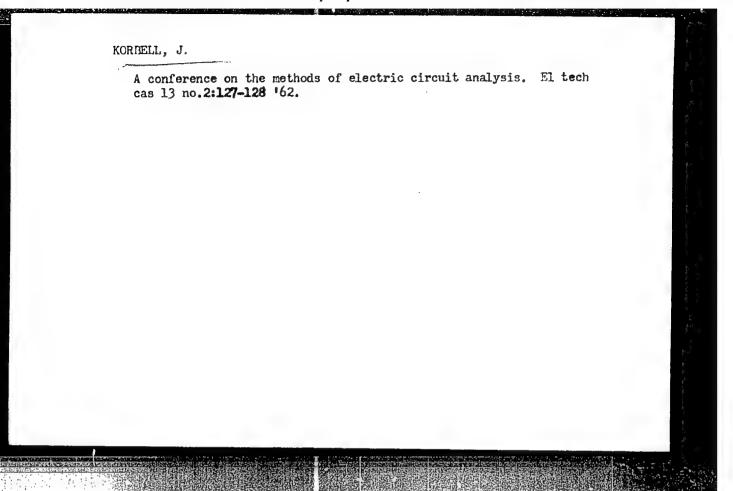
Z/042/62/000/004/001/002 E197/E435

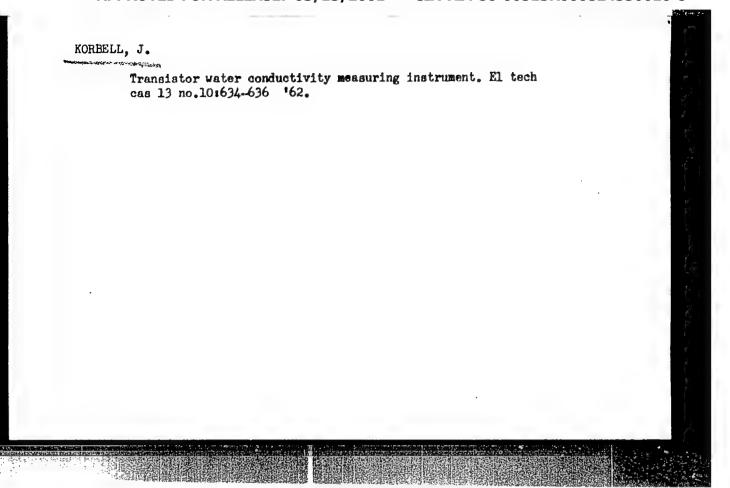
in which \tilde{S} - the relative error, E_N - the voltage of the carrier wave and ΔE_N - the unwanted increase of carrier voltage. A 1% change in carrier amplitude will cause an error of 0.02%. There are 3 figures.

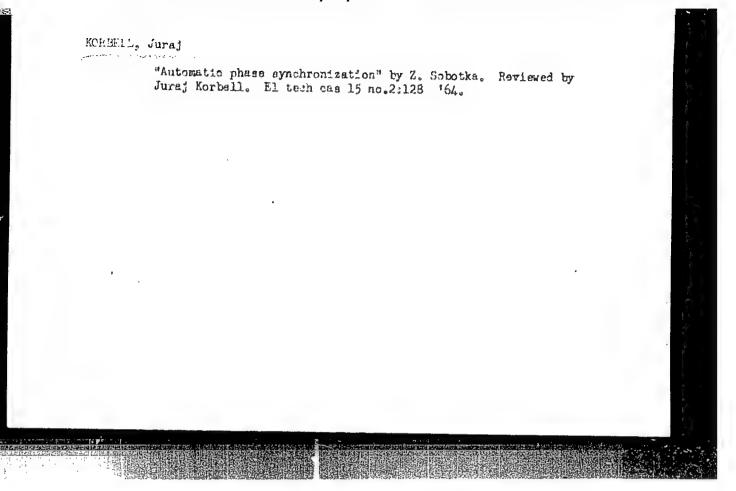
ASSOCIATION: Elektrotechnický ústav SAV, Bratislava 9

(Institute of Electrical Technology SAV, Bratislava 9)

SUBMITTED: October 2, 1961







JOHN, C., Dr.; KORBELLAR, J., Dr.

Brucellosis. Prakt. lek., Praha 35 no.13:297-301 5 July 55.

1. Z ustavu pro lekarskou mikrobiologii a imunologii KU v Praze, prednosta prof. Dr. F. Patocka a s II. int kliniky KU, prof. Dr. A. Vancura.

(BRUCELLOSIS

incidence, diag. & ther.)

KORBELL, Juraj, inz.

Deduction of the performance and precision of a triangle-wave-type electronic multiplier. El tech cas 13 no.4:223-229 :62.

1. Ceskoslovenska akademie ved, Elektronicky ustav Slovenske akademie ved, Bratislava 9, Dubravska cesta.

MORBELL, J.

A scientific conference on data processing machines. El tech cas 14 no.2:111 163.

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"Acceptance Conditions in Performance Specification P-5".
Acceptance conditions to be complied with during the inspection of new building machinery to satisfy approved standards of performance and workmanship as well as design.

SO: Mechanisace, Cacchoslovakia, Vol 3, No 1, Jan 1954, (AF-617422, 12 Apr 1954)

KORBER, J.

Selection of a proper method for production of steel in foundries. p. 116.
SLEVARENSTVI Vol. 4, no. 4, Apr. 1956.

Czechoslovakia

Source: EAST EUROPEAN LISTS Vol. 5. no. 7 July 1956

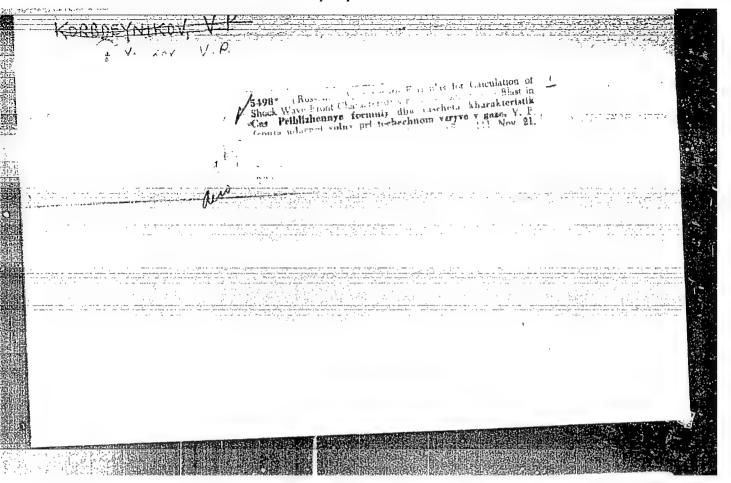
KORBER, L.

Material and production basis of the building industry and its territorial distribution. Stavivo 41 no.3:78-79 Mr '63.

1. Ministerstvo vystavby, Praha.

KAHCICOVA, Jitke, inz.; HAUMER, Jaroslav, inz.; KORHER, Mdenek Re-esterification of methyl ester of fat acids with saccharose. Prum potravin 15 no.9:477-479 S '64. 1. Research Institute of the Fat Industry, Rakovnik.

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CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Nervous System. S-2

Abs Jour: Ref Zhur-Biol., No 10, 1958, 45503

: Korbicka, J., Malinovsky, L.

Author Inst

: Materials for the Determination of the Firmness of the Falx Cerebri in the Adult and the Newborn.

Orig Pub: Ceskosl. morfol., 1956, 4, No 4, 365-378

Abstract: With the aid of a specially constructed simple device, the elasticity and firmness of the anterior, median and posterior sections of the great crescent-shaped extension (CE) and strips, fashioned from it, were ascertained. CE was stretched along its length. It was established that, in the adult, the psoterior section of CE exhibited greater clasticity and firmness, while the median section

Card 1/3_

Title

16

Metastatic cylindroma. Gesk. otolar. 11 no.5:261-265 '62.

1. Klinika chorob usnich, nosnich a krenich, prednosta prof. dr.
R. Hladky, a I. patologickoanatomicky ustav lekarske fakulty University
J. Ev. Purkyme v Brne, prednosta prof. dr. J. Svejda.
J. Ev. Purkyme v Brne, prednosta prof. dr. J. Svejda.
(CYLINEROME) (NEOPLASE METASTASES)
(SALIVARY GLANDS) (MAXILLARY SINUS) (TONGUE HEOPLASES)

(TRANCHEAL HEOPLASES)

Diverticuloid neurinoma of the duodenum. Rozhl. chir. 14 no.12: 839-841 D '65.

1. II. chirurgicka klinika (prednosta prof. dr. J. Navratil, DrSc.)
a I. patologickoanatomicky ustav (prednosta prof. dr. J. Svejda, DrSc.)
lekarske fakulty University J.E. Purkyne v Brne.

KORBIEL, J.; KWIECIEN, G.

Preliminary breeding works on the improvement of the quality of bacon hogs. p. 18

GOSPODARKA MIESNA (Polskie Wydawnictwa Gospodarcze) Warszawa, Poland. Vol. 11, no. 4, Apr 1959

Monthly List of East European Accessions (EEAI) LC, Vol. δ , no. 9, Sept 1959 Uncl.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530010-8

STEC, Jan, mgr., ins. (Tarnow); KORBIEL, Jozef (Tarnow)

3zymwald - Zalasowa as a center for methodical improving breeding and production of bacon cattle. Gosp miesna 14 no.4:12-16 Ap '62.

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KORBINITS, Andras

"Norms for calculation of preheaters" by M.L. Vajszman. Reviewed by Andras Korbonits. Cukor 18 no.2:48 F '65.

"Operation of crude naphtha_fired shaft limekilns" by F.I. Strigunov. Reviewed by Andras Korbonits. Ibid.:55

"Large-scale methods for the maintenance of sugar industry installations" by B.V. Sinel'nikov. Reviewed by Andras Korbonits. Ibid.:55

KORBINSKIY, Aron Yefimovich; PROKOF'YKVA, N.B., red. izd-ve; KASHINA, P.S., tekhn. red.

[Mumbers operate machine tools] Chisla upravlisiut stankami.

Moskva, Izd-vo Akad. nauk SSSR, 1961. 189 p. (MIRA 14:5)

(Machine tools— Mumerical control)

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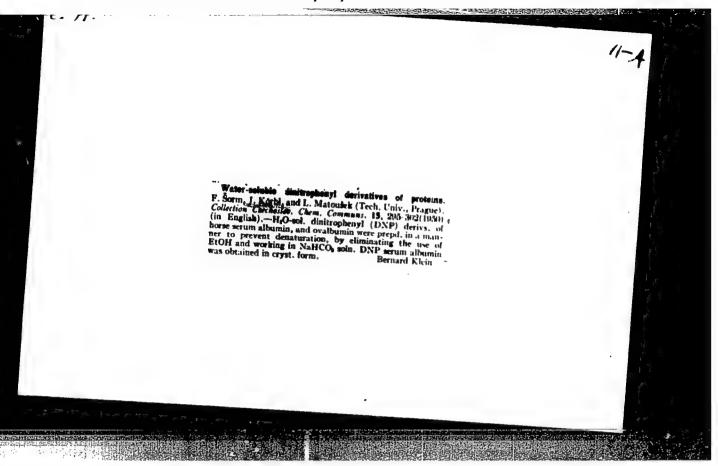
GALANIN, M.D., KOREKIN, V.V., LEONTOVICH, A.M., SMORYCHKOV, V.M.

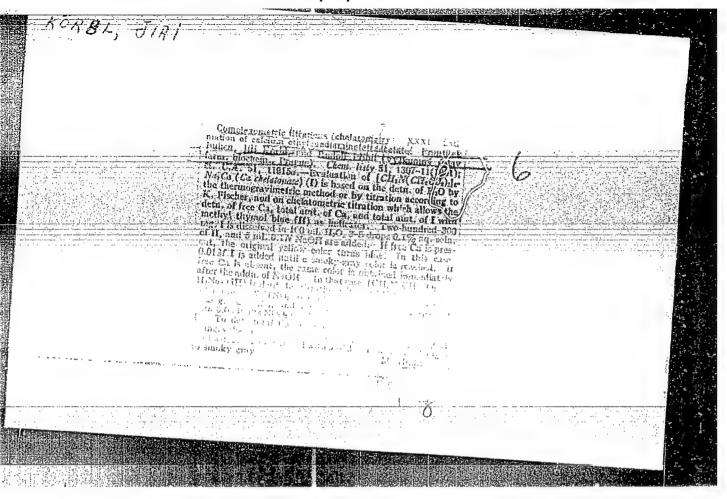
Coherence, spectra time scanning and pulsations of the ruby laser emission.

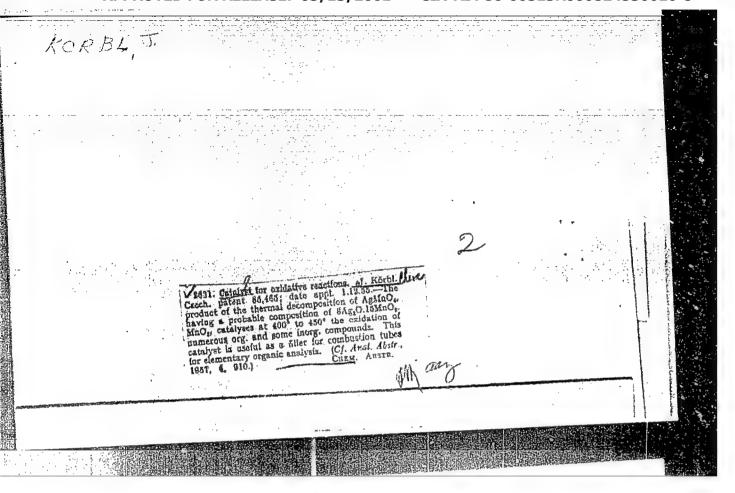
Report submitted to the Third Intl. Symp. on Quantum Electronics.

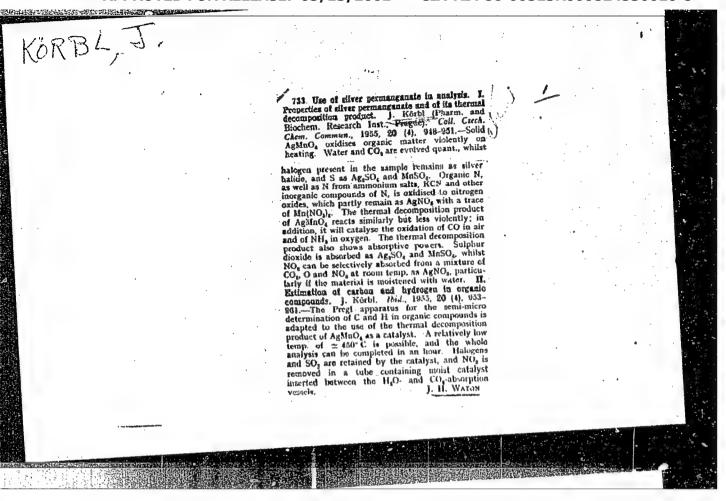
Paris, France

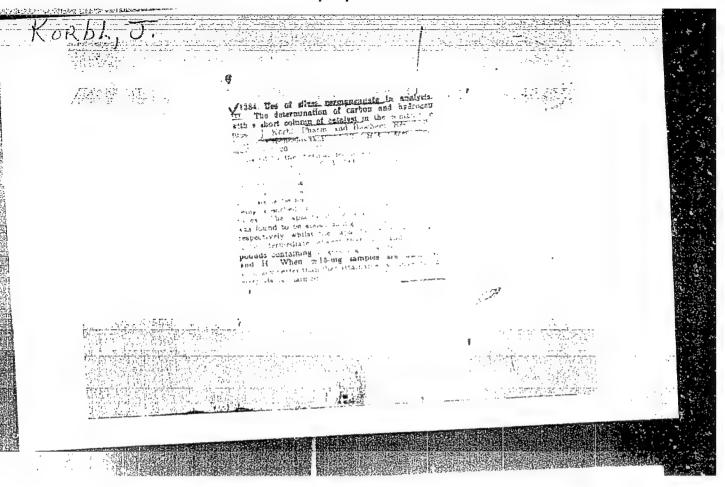
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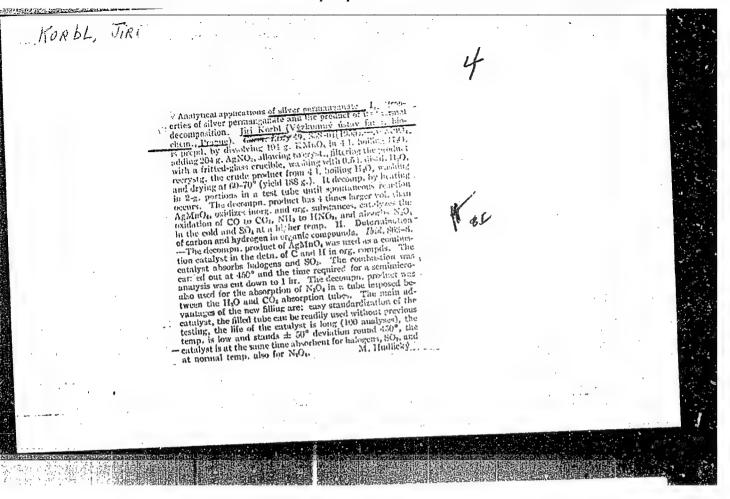


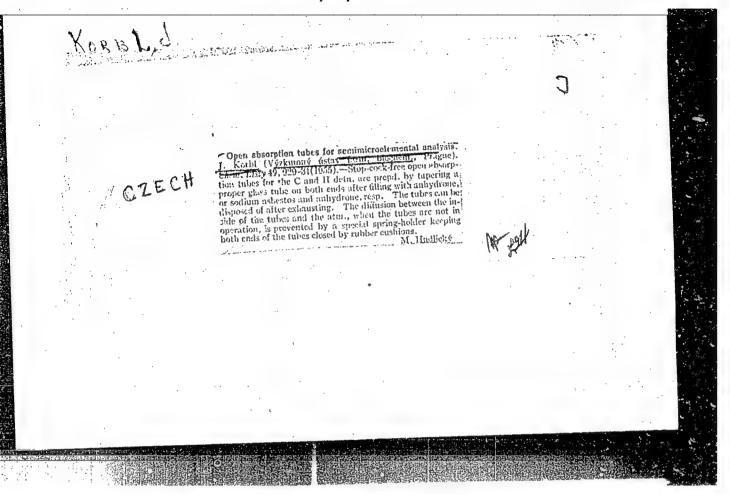
KOPBL, J., and others.

"Metallochromic indicators. II. 3,5-dihydroxy-h-nitroazobenzene and 3,h-dihydroxyazobenzene-h-sulfonic acid as simple metallochromic models of Pyrocatechol Violet."

p. 1116 (Collection of Czechoslovak Chemical Communications. Praha, Czechoslovakia.)

Monthly Indexcof East European Acessions (EEAI) LC. Vol. 22, no. 5, Oct. 1957





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"Analytic use of silver permanganate. III. Determination of carbon and hydrogen using a short contact layer"

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Abs Jour

: Referat Zhur - Khimiya, No 2, 1957, 4826

Author

: Korbl Liri, Blabolil Karel

Title

: Analytical Use of Silver Permanganate. IV. Micro-

Determination of Carbon and Hydrogen

Orig Pub

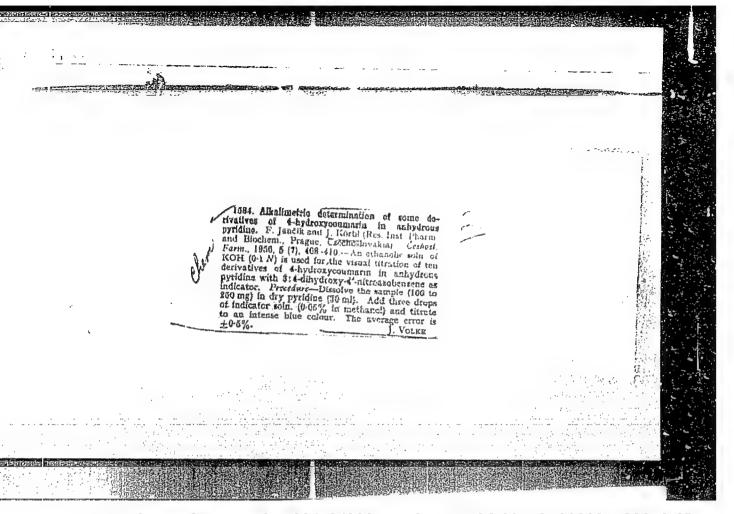
: Chem. listy, 1955, 49, No 11, 1664-1666; Sb. chekhosl. khim. rabot, 1956, 21, No 2, 318-321

Abstract

The product of thermal decomposition of AgMnOh (I) (RZhKhim, 1956, 65356) can serve as the filling of a combustion tube for the determination of C and H. Traces of organic substances present in the oxygen being used are removed in an additional tube containing I, having a length of 3.5 cm, at a temperature of 400-5000. Absorption of H₂O and CO₂ is effected in open vessels, according to Pregl. To remove NO₂ from the gases, fol-

lowing combustion of N-containing substances use is

Card 1/2



CIA-RDP86-00513R000824530010-8 "APPROVED FOR RELEASE: 03/13/2001

CARCHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Pharmaceuticals. Vitarins. Antibiotics.

11-17

Abs Jour: Ref Zhur-Khir., No 2, 1959, 5760.

Jancik, Fedir; Buben, Frantisck; Kerbl, Jiri. Author :

List Title

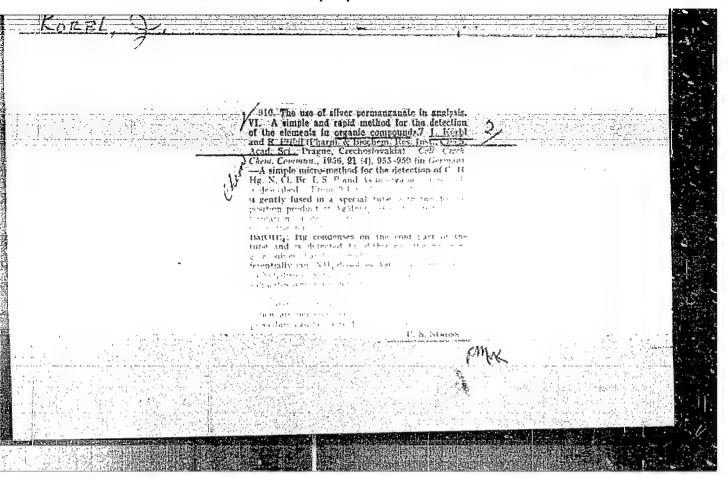
Oxidimetric Determination of Methionime.

Orig Pub: Ceskosl. farme., 1956, 5, No 9, 515-516.

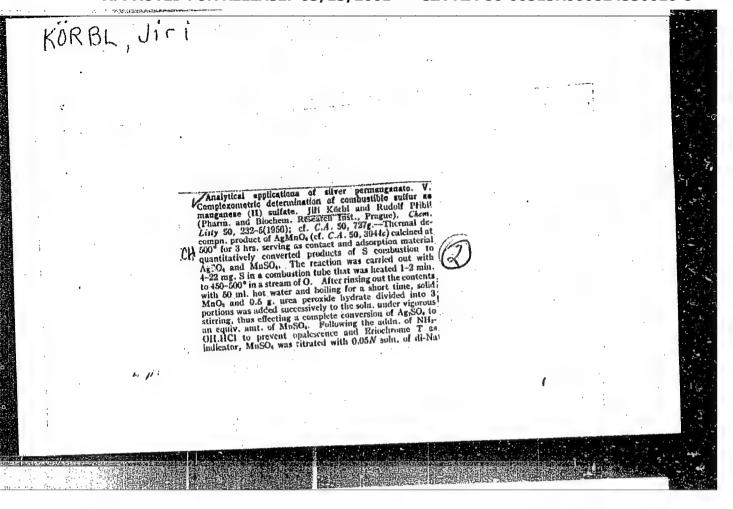
Abstract: Methionine (I) is determined in pure preparations by potentionetric titration with 0.1 N and 0.01 N KBrO; in the presence of MBr, as well as with 0.1 M IC1. Titration of I with 0.1 N MBroz was carried out with weighed samples of 32.3 - 143.3 mg and with reximum divergences of -0.21 and +0.15%, same with 0.01 N KBr0 3 was carried out with weighed samples of 1.15 - 15.25 mg and errors from -0.46 to +0.87% (applicable to recredetermination).

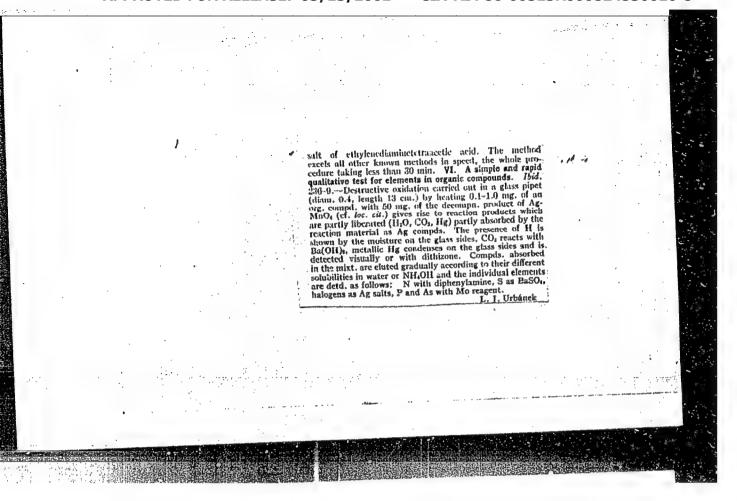
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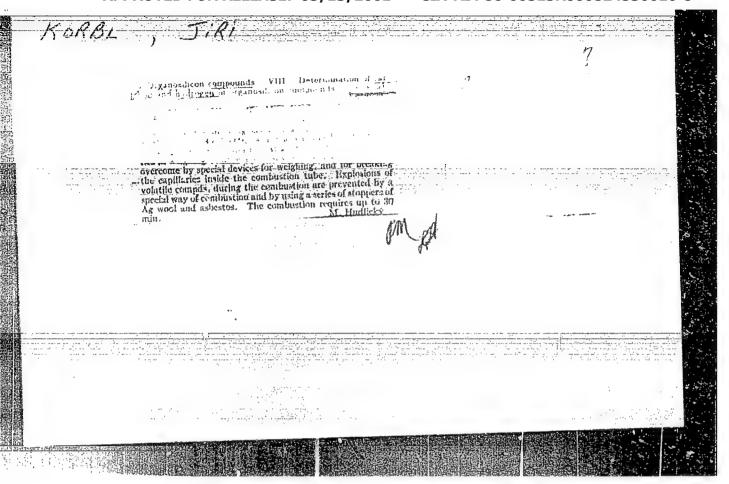
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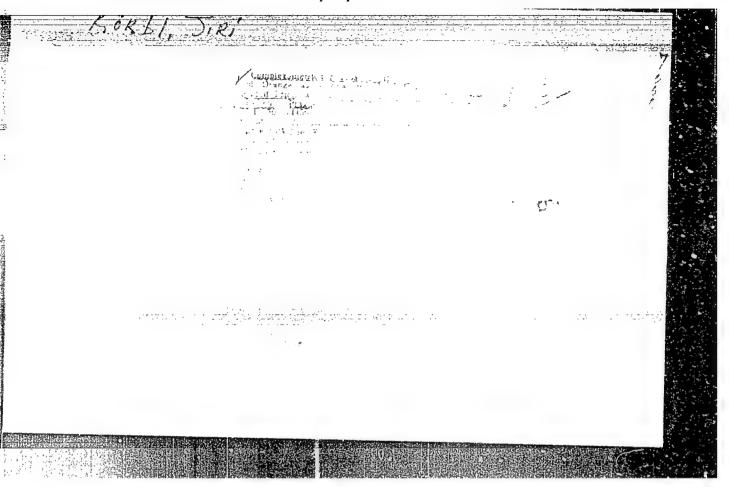


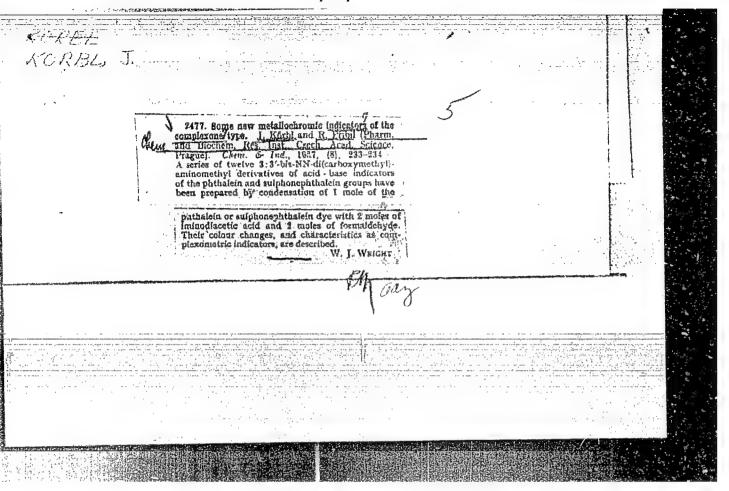
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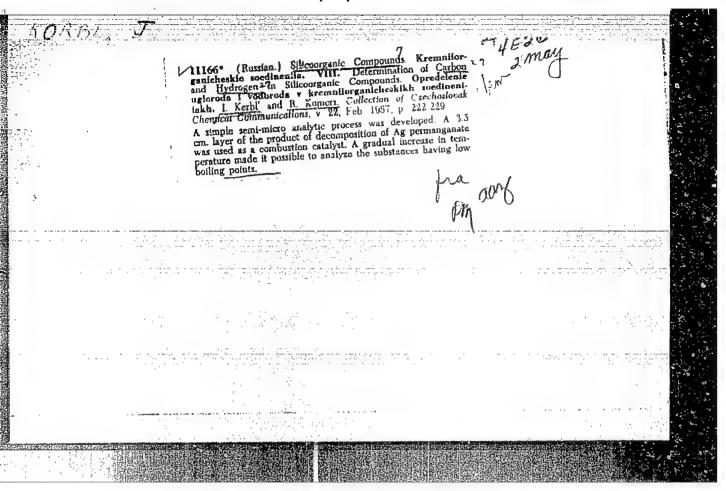


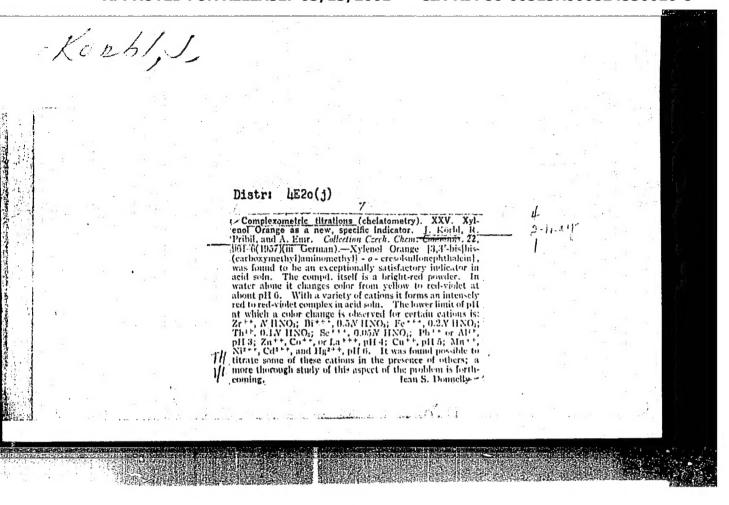












KORBL, J.; PRIBYL, R.

"Metallocromic indicators. I. Introduction. In English."

p.1122 (Sbornik Chekhoslovatskikh Khimicheskikh Rabot, Vol. 22, no. 4, Aug. 1957, Praha, Czechoslavakia)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 8, August 1958

Korbl, J., and others.

"Metallochromic indicators. II. 3,4-dihydroxy-nitroazobenzene and 3,4-dihydroxyazobenzene-4'-sulfonic acid as simple metallochromic models of Pyrocatechol Violet. In English."

p. 1416 (Collection of Czechoslovak Chemical Communications. Vol. 22, no. 5, Oct. 1957, Praha, Czechoslovakia.)

Konthly Index of East European Accessions (EMAI) IC, Vol. 7, no. 7, July 1958

"Metallochromic indicators. III. Preparation of 3,3"-his-N,N-di(carboxymethyl)aminomethylthymolsulfonophthaleln (Methylthymol Plue)." In English.

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